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EXAMINER

SINGH, RAMNANDAN P

ART UNIT

PAPER NUMBER

2646

DATE MAILED: 10/19/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/733,344

Applicant(s)

WILLIAMSON, ROBERT

Examiner

Ramnandan Singh

Art Unit

2646

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 24 May 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 21-40 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 21-40 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## **DETAILED ACTION**

### ***Response to Arguments***

1. Applicant's arguments filed on May 24, 2005 have been considered but are moot in view of the new ground(s) of rejection.

### **2. Status of Claims**

Claims 1-20 are cancelled.

New claims 21-40 are added.

Claims 21-40 are pending.

### ***Claim Objections***

2. Claim 30 is objected to because of the following informalities: Claim 30 recites the limitation "to the plurality of **director** entries" in lines 6-7. Replace the word "**director**" with the word "**directory**". Appropriate correction is required.

### ***Claim Rejections - 35 USC § 103***

3. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

4. Claims 21-40 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mani [US 20020186832 A1] in view of Waldman [US 5,274,693].

Regarding claim 21, Mani teaches an apparatus for dialing a communication terminal (100) shown in Fig. 1, comprising:

a memory (i.e. database 102) for storing a plurality of directory entries corresponding to a plurality of communication terminals[Para: 0006];

an input for entering a string of alphanumeric digits corresponding to one of the plurality of communication terminals [Fig. 1; Para: 0014];

a comparator (not shown) for comparing the string, as each digit is entered, to the plurality of directory entries [Para: 0015; Fig. 5]; and

a selector component for selecting one of the matching directory entries [Fig. 5];  
and

a dialer component (not shown) for dialing the communication terminal corresponding to the selected entry [Fig. 5; step # (508a); 0033-0034; 0043].

Mani does not teach a display for displaying one or more matching directory entries as each digit is entered.

Waldman teaches a display for displaying one or more matching directory entries as each digit is entered (i.e. keyed) [col. 14, lines 59-61; col. 12, lines 24-26].

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to use the display of Waldman with Mani in order to provide a visual

display of each digit as it is generated by the system to insure the correct entry of a digit [Waldman; col. 14, lines 59-61].

Claims 30 and 37 are essentially similar to claim 21 and are rejected for the reasons stated above.

Regarding claim 22, Waldman further teaches the apparatus comprising a digit counter (78) shown in Fig. 10, for counting the digits entered [col. 12, lines 24-27], and the comparator being responsive to the counter when a pre-determined number of digits is entered [ Fig. 3; col. 18, lines 28-59].

Claims 31 and 38 are essentially similar to claim 22 and are rejected for the reasons stated above.

Regarding claim 23, Mani further teaches the apparatus, wherein the directory entries comprise a number and a name , the name being mapped to digits [Para 0043].

Claims 34 and 39 are essentially similar to claim 22 and are rejected for the reasons stated above.

Regarding claims 24, 35 and 40, the limitations are shown above.

Regarding claims 25-28, Waldman further teaches a navigation key (71) shown in Fig. 10.

Regarding claims 32 and 33, the limitations are shown above.

Regarding claim 29, Mani further teaches the telephone-based apparatus, wherein the communication terminal includes a handset (not shown), and the component for dialing is responsive to the handset going off-hook [Para: 0006; Figs. 4-5].

Claim 36 is essentially similar to claim 29 and is rejected for the reasons stated above.

### ***Conclusion***

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

(i) Gahang et al –US 5,548,634] teach an alphanumeric registration method for a telephone-based device [Figs. 1-5; Abstract];

(ii) Silverman [US 5,875,240] teaches an alphanumeric system for a network-based system [Figs. 1-4F; Abstract]; and

(iii) Guibourge [US 20040119755 A1] teaches quick dialing methods for alphanumeric dialing [Abstract].

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ramnandan Singh whose telephone number is (571) 272-7529. The examiner can normally be reached on M-TH (8:00-5:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sinh Tran can be reached on (571) 272-7564. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Ramnandan Singh  
Examiner  
Art Unit 2646

A handwritten signature in black ink, appearing to be 'R N Singh', written over the printed name of the examiner.

**SINH TRAN**  
**PERVISORY PATENT EXAMINER**